

Notice of Allowability

Application No.

10/090,739

Examiner

Kyle R. Stork

Applicant(s)

BASCOM ET AL.

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Request for Continued Examination filed 26 February 2006.
2. ☒ The allowed claim(s) is/are 1-7, 14-16, 18-19 and 22-55.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9.2.06
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Sean Wooden (Reg No. 43,997) on May 1, 2006.

The application has been amended as follows:

Claim 1 (currently amended): A method for providing a framework for document objects located on a network, the method comprising:

creating one or more link directories for storing link relationships between document objects located on the network, wherein the one or more link relationships are separate from the document objects;

creating a link relationship between a first document object located on the network and a second document object located on the network;

assigning attributes describing the link relationship, wherein the attributes or references to the attributes are stored with the link relationship;

using a unique identifier to retrieve the link relationships, wherein unique identifiers indicate locations of document objects on the network; and

presenting the link relationship with one or more of the attributes describing the link relationship.

Claim 28 (currently amended): A computer readable medium upon which is embedded instructions for carrying out a method for providing a framework for document objects located on a network, the method comprising:

creating one or more link directories for storing link relationships between document objects located on the network, wherein the one or more link relationships are separate from the document objects;

maintaining one or more link directories for storing link relationships between document objects located on the network, wherein the one or more link directories are separate from the document objects;

creating a link relationship between a first document object located on the network and a second document object located on the network;

assigning attributes describing the link relationship, wherein the attributes are stored with the link relationship;

using a unique identifier to retrieve the link relationships, wherein unique identifiers indicate locations of document objects on the network; and

presenting the link relationship with one or more of the attributes describing the link relationship.

Claim 29 (currently amended): A computer readable medium upon which is embedded instructions for carrying out a method for providing a framework for document objects located on a network, the method comprising:

maintaining one or more link directories for storing a link relationship between document objects located on the network;

creating a link relationship between a first document object located on the network and a second document object located on the network;

assigning attributes describing the link relationship and the document objects related by the link relationship;

defining one or more link relationship attributes describing the link relationships stored in the one or more link directories; and

assigning one or more link relationship attributes to each link relationship, wherein the one or more assigned link relationship attributes describe the link relationship as determined by the user assigning the link relationship attributes; and

storing the link relationships with the attributes in the one or more link directories located on the network; and
using a unique identifier to retrieve the link relationships, wherein unique identifiers indicate locations of document objects on the network; and
presenting the link relationship with one or more of the attributes describing the link relationship.

Claim 50 (currently amended): A method for providing a framework for document objects located on a network, the method comprising:

creating one or more link directories for storing link relationships between document objects located on the network, wherein the one or more link relationships are separate from the document objects;

creating a link relationship between a first document object located on the network and a second document object located on the network;

assigning attributes describing the link relationship, wherein the attributes are stored with the link relationship;

presenting the link relationship with one or more of the attributes describing the link relationship.

Claim 51 (new): The method of claim 1 wherein creating a link relationship comprises an end-user creating a link relationship.

Claim 52 (new): The method of claim 1 wherein assigning attributes comprises an end-user assigning attributes.

Claim 53 (new): The method of claim 1 wherein the link relationship includes information that can be used to retrieve the document objects.

Claim 54 (new): The method of claim 1 further comprising retrieving a document object using the link relationship.

Claim 55 (new): The method of claim 1 wherein presenting the link relationship comprises presenting a plurality of link relationships.

Allowable Subject Matter

2. In light of the examiner's amendments, claims 1-7, 14-16, 18-19, 22-55 are allowed.

3. The following is an examiner's statement of reasons for allowance: The prior art neither teaches nor suggests to one of ordinary skill in the art at the time of the applicant's invention to create link relationships that allow for the assignment of attributes describing the link relationship. Further, it was neither known nor obvious to then present the link relationships with the assigned attributes.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyle R. Stork whose telephone number is (571) 272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kyle R Stork
Patent Examiner
Art Unit 2178



STEPHEN HONG
SUPERVISORY PATENT EXAMINER

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